

**WEST**[Help](#)[Logout](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)**Search Results - Record(s) 1 through 30 of 31 returned.****1. Document ID: US 5606644 A Relevance Rank: 99**

Entry 21 of 31

File: USPT

Feb 25, 1997

US-PAT-NO: 5606644

DOCUMENT-IDENTIFIER: US 5606644 A

TITLE: Minimum error rate training of combined string models

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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**2. Document ID: US 5903864 A Relevance Rank: 98**

Entry 4 of 31

File: USPT

May 11, 1999

US-PAT-NO: 5903864

DOCUMENT-IDENTIFIER: US 5903864 A

TITLE: Speech recognition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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**3. Document ID: US 5737489 A Relevance Rank: 98**

Entry 12 of 31

File: USPT

Apr 7, 1998

US-PAT-NO: 5737489

DOCUMENT-IDENTIFIER: US 5737489 A

TITLE: Discriminative utterance verification for connected digits recognition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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**4. Document ID: US 5839105 A Relevance Rank: 97**

Entry 5 of 31

File: USPT

Nov 17, 1998

US-PAT-NO: 5839105

DOCUMENT-IDENTIFIER: US 5839105 A

TITLE: Speaker-independent model generation apparatus and speech recognition apparatus each equipped with means for splitting state having maximum increase in likelihood

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Image
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**5. Document ID: US 5680511 A Relevance Rank: 97**

Entry 16 of 31

File: USPT

Oct 21, 1997

US-PAT-NO: 5680511

DOCUMENT-IDENTIFIER: US 5680511 A

TITLE: Systems and methods for word recognition

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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**6. Document ID: US 5930753 A Relevance Rank: 96**

Entry 3 of 31

File: USPT

Jul 27, 1999

US-PAT-NO: 5930753

DOCUMENT-IDENTIFIER: US 5930753 A

TITLE: Combining frequency warping and spectral shaping in HMM based speech recognition

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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**7. Document ID: US 5500920 A Relevance Rank: 95**

Entry 23 of 31

File: USPT

Mar 19, 1996

US-PAT-NO: 5500920

DOCUMENT-IDENTIFIER: US 5500920 A

TITLE: Semantic co-occurrence filtering for speech recognition and signal transcription applications

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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**8. Document ID: US 5625749 A Relevance Rank: 95**

Entry 18 of 31

File: USPT

Apr 29, 1997

US-PAT-NO: 5625749

DOCUMENT-IDENTIFIER: US 5625749 A

TITLE: Segment-based apparatus and method for speech recognition by analyzing multiple speech unit frames and modeling both temporal and spatial correlation

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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**9. Document ID: US 5638487 A Relevance Rank: 94**

Entry 17 of 31

File: USPT

Jun 10, 1997

US-PAT-NO: 5638487

DOCUMENT-IDENTIFIER: US 5638487 A

TITLE: Automatic speech recognition

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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**10. Document ID: US 5199077 A Relevance Rank: 94**

Entry 28 of 31

File: USPT

Mar 30, 1993

US-PAT-NO: 5199077

DOCUMENT-IDENTIFIER: US 5199077 A

TITLE: Wordspotting for voice editing and indexing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 11. Document ID: US 5349645 A Relevance Rank: 94

Entry 25 of 31

File: USPT

Sep 20, 1994

US-PAT-NO: 5349645

DOCUMENT-IDENTIFIER: US 5349645 A

TITLE: Word hypothesizer for continuous speech decoding using stressed-vowel centered bidirectional tree searches

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 12. Document ID: US 5151950 A Relevance Rank: 94

Entry 29 of 31

File: USPT

Sep 29, 1992

US-PAT-NO: 5151950

DOCUMENT-IDENTIFIER: US 5151950 A

TITLE: Method for recognizing handwritten characters using shape and context analysis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 13. Document ID: US 5799276 A Relevance Rank: 72

Entry 10 of 31

File: USPT

Aug 25, 1998

US-PAT-NO: 5799276

DOCUMENT-IDENTIFIER: US 5799276 A

TITLE: Knowledge-based speech recognition system and methods having frame length computed based upon estimated pitch period of vocalic intervals

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 14. Document ID: US 5268990 A Relevance Rank: 69

Entry 27 of 31

File: USPT

Dec 7, 1993

US-PAT-NO: 5268990

DOCUMENT-IDENTIFIER: US 5268990 A

TITLE: Method for recognizing speech using linguistically-motivated hidden Markov models

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 15. Document ID: US 5768603 A Relevance Rank: 69

Entry 11 of 31

File: USPT

Jun 16, 1998

US-PAT-NO: 5768603

DOCUMENT-IDENTIFIER: US 5768603 A

TITLE: Method and system for natural language translation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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## 16. Document ID: US 5477451 A Relevance Rank: 69

Entry 24 of 31

File: USPT

Dec 19, 1995

US-PAT-NO: 5477451

DOCUMENT-IDENTIFIER: US 5477451 A

TITLE: Method and system for natural language translation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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## 17. Document ID: US 5805832 A Relevance Rank: 69

Entry 9 of 31

File: USPT

Sep 8, 1998

US-PAT-NO: 5805832

DOCUMENT-IDENTIFIER: US 5805832 A

TITLE: System for parametric text to text language translation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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## 18. Document ID: US 5581655 A Relevance Rank: 68

Entry 22 of 31

File: USPT

Dec 3, 1996

US-PAT-NO: 5581655

DOCUMENT-IDENTIFIER: US 5581655 A

TITLE: Method for recognizing speech using linguistically-motivated hidden Markov models

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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## 19. Document ID: US 5825977 A Relevance Rank: 68

Entry 7 of 31

File: USPT

Oct 20, 1998

US-PAT-NO: 5825977

DOCUMENT-IDENTIFIER: US 5825977 A

TITLE: Word hypothesizer based on reliably detected phoneme similarity regions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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## 20. Document ID: US 5995928 A Relevance Rank: 59

Entry 1 of 31

File: USPT

Nov 30, 1999

US-PAT-NO: 5995928

DOCUMENT-IDENTIFIER: US 5995928 A

TITLE: Method and apparatus for continuous spelling speech recognition with early identification

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 21. Document ID: US 5722418 A Relevance Rank: 55

Entry 13 of 31

File: USPT

Mar 3, 1998

US-PAT-NO: 5722418

DOCUMENT-IDENTIFIER: US 5722418 A

TITLE: Method for mediating social and behavioral processes in medicine and business through an interactive telecommunications guidance system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 22. Document ID: US 5710864 A Relevance Rank: 55

Entry 15 of 31

File: USPT

Jan 20, 1998

US-PAT-NO: 5710864

DOCUMENT-IDENTIFIER: US 5710864 A

TITLE: Systems, methods and articles of manufacture for improving recognition confidence in hypothesized keywords

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 23. Document ID: US 5621857 A Relevance Rank: 54

Entry 19 of 31

File: USPT

Apr 15, 1997

US-PAT-NO: 5621857

DOCUMENT-IDENTIFIER: US 5621857 A

TITLE: Method and system for identifying and recognizing speech

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 24. Document ID: US 5832430 A Relevance Rank: 54

Entry 6 of 31

File: USPT

Nov 3, 1998

US-PAT-NO: 5832430

DOCUMENT-IDENTIFIER: US 5832430 A

TITLE: Devices and methods for speech recognition of vocabulary words with simultaneous detection and verification

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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## 25. Document ID: US 5719996 A Relevance Rank: 53

Entry 14 of 31

File: USPT

Feb 17, 1998

US-PAT-NO: 5719996  
DOCUMENT-IDENTIFIER: US 5719996 A  
TITLE: Speech recognition in selective call systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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26. Document ID: US 5271088 A Relevance Rank: 53

Entry 26 of 31

File: USPT

Dec 14, 1993

US-PAT-NO: 5271088  
DOCUMENT-IDENTIFIER: US 5271088 A  
TITLE: Automated sorting of voice messages through speaker spotting

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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27. Document ID: US 5051922 A Relevance Rank: 53

Entry 30 of 31

File: USPT

Sep 24, 1991

US-PAT-NO: 5051922  
DOCUMENT-IDENTIFIER: US 5051922 A  
TITLE: Method and apparatus for the measurement of gas/liquid flow

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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28. Document ID: US 5955282 A Relevance Rank: 53

Entry 2 of 31

File: USPT

Sep 21, 1999

US-PAT-NO: 5955282  
DOCUMENT-IDENTIFIER: US 5955282 A  
TITLE: Human galactosyltransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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29. Document ID: US 4811210 A Relevance Rank: 53

Entry 31 of 31

File: USPT

Mar 7, 1989

US-PAT-NO: 4811210  
DOCUMENT-IDENTIFIER: US 4811210 A  
TITLE: A plurality of optical crossbar switches and exchange switches for parallel processor computer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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30. Document ID: US 5613013 A Relevance Rank: 53

Entry 20 of 31

File: USPT

Mar 18, 1997

US-PAT-NO: 5613013  
DOCUMENT-IDENTIFIER: US 5613013 A  
TITLE: Glass patterns in image alignment and analysis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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Term	Documents
DATABASE	55651
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Entry 1 of 2

File: USPT

Sep 22, 1998

US-PAT-NO: 5812698

DOCUMENT-IDENTIFIER: US 5812698 A

TITLE: Handwriting recognition system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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**2. Document ID: US 5199077 A Relevance Rank: 56**

Entry 2 of 2

File: USPT

Mar 30, 1993

US-PAT-NO: 5199077

DOCUMENT-IDENTIFIER: US 5199077 A

TITLE: Wordspotting for voice editing and indexing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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